

Realex  
Division of United Industries Corp.  
P.O. Box 142642  
St. Louis, MO 63114-0642

### Hazardous Material Identification System-(HMIS)

HEALTH - 1

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL - Rubber gloves

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

**I Trade Name:** Real-Kill® Diazinon Soil & Turf Insect Control Granules

**Product Type:** Granular Insecticide

**Product Item Number:** 70060

**Formula Code Number:** N/A

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone No.**

8845-95-478

Chemsico  
8494 Chapin Industrial Dr.  
St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-897-8524  
**Prepared by:** C.A. Duckworth  
**Date Prepared:** August 19, 1999

## II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Diazinon	5.0	0.1 mg/m <sup>3</sup> (skin)	0.1 mg/m <sup>3</sup>
CAS #333-41-5			

## III Physical and Chemical Characteristics

**Appearance and Odor:** Straw colored irregularly shaped granules, organophosphate odor.

**Boiling Point:** NA  
**Melting Point:** NA  
**Vapor Pressure:** NA  
**Specific Gravity:** NA  
**Vapor Density:** NA  
**% Volatile (by vol.):** NA  
**Solubility in Water:** less than 1%  
**Evaporation Rate:** NA

## IV Fire and Explosion Hazard Data

**Flash Point:** N/A  
**Flame Extension:** N/A  
**Flammable Limits:** N/A  
**Autoignition Temp.:** N/A  
**Fire Extinguishing Media:** Water Fog, Carbon Dioxide, Dry Chemical  
**Decomposition Temp.:** N/A  
**Special Fire-Fighting Procedures:** Use procedures for elimination of original fire source.  
**Unusual Fire and Explosion Hazards:** None. Also see Section V.

## V Reactivity Data

**Stability:** Stable  
**Polymerization:** Will not occur  
**Conditions to Avoid:** None  
**Incompatible Materials:** N/A  
**Hazardous Decomposition or Byproducts:** N/A

## VI Health Hazard Data

**Ingestion (Swallowing):** Harmful if swallowed. **First Aid:** Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

**Skin Contact:** Harmful if absorbed through skin. **First Aid:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention.

**Eye Contact:** Causes moderate eye injury. **First Aid:** Rinse eyes with plenty of water and call a physician immediately.

**Inhalation Toxicity:** **First Aid:** Remove victim too fresh air and apply artificial respiration, if indicated.

**Special Notes:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

**Health Conditions Aggravated by Exposure:** May cause contact sensitization following repeated contact with skin of susceptible individuals.

**Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens:** None

## VII Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Avoid skin contact. Sweep up and place in waste container.

**Waste Disposal:** Give to qualified waste disposal service.

**Handling & Storage Precautions:** Standard warehouse conditions.

## VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect health.

## IX Transportation Data

**DOT Shipping Name** – Insect Control Granules  
**DOT Hazard Class** – Class 9

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.